

Converting Colors

Hex(52DA55)

Have a look what the booklet for
Hex(52DA55) contains.

Hex(52DA55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52DA55)

Conversions

Conversions Part 1

Format	Color
Hex	52DA55
RGB	82, 218, 85
RGB Percent	32%, 85%, 33%
CMY	0.6784, 0.1451, 0.6667
CMYK	0.62, 0.00, 0.61, 0.15
HSL	121°, 65%, 59%
HSV	121°, 62%, 85%
XYZ	30.1908, 52.5925, 17.1545
YIQ	162.1740, -38.3630, -70.1950

Conversions

Conversions Part 2

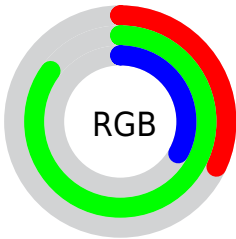
Format	Color
RYB	82, 215, 218
Decimal	5429845
CIELab	77.63, -62.44, 53.42
CIELCh	78, 82.173, 139.453
Yxy	52.5925, 0.3021, 0.5263
Android (android.graphics.Color)	4283619925 (0xFF52DA55)
YUV	162.1740, -38.0468, -70.3126
Hunter-Lab	72.5207, -52.6007, 36.7397

Details

The Hex color **52DA55** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DA52D7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **91FF8B**, and **00A21D** is the 20% darker color. If you saturate the color by 10%, you get **3CDA40**, and if you desaturate by 10%, it is **68DA6A**.

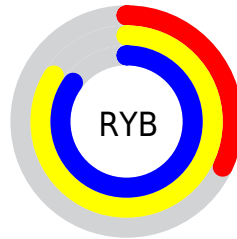
Distribution



Red (32%)

Green (85%)

Blue (33%)



Red (32%)

Yellow (84%)

Blue (85%)

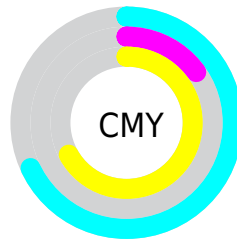


Cyan (62%)

Magenta (0%)

Yellow (61%)

Black (15%)



Cyan (68%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52DA55 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 52DA55 by changing the saturation by 10% instead.

 52DA55

 52DA55

FFFFFF

 2CBE3A

 91FF8B

 00A21D

 AFFFA6

 008700

 CDFFC3

 006C00

 ECFFDF

 005200

FFFFFFD

 003A00

 002200

 000000

 52DA55

 52DA55

 3CDA40

 68DA6A

 26DA2A

 7EDA80

 11DA15

 93DA95

 00DA05

 A9DAAA

 BFDAC0

 D5DAD5

 EBDAEA

 FFDAFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5CB01



52DA55



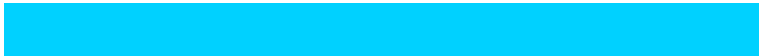
00E1A1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52DA55



00D1FF



FF7692

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52DA55



DA52D7

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF76DE



52DA55



86B7FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52DA55



00DEFF



FF94FF



FF924C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52DA55



00E3D7



FF94FF



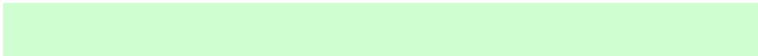
FF71AB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52DA55



CFFFD0



D8DA52



628063



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52DA55



40FF44



52DA98



636E63



00AD04



002E01

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DA52D7



FF40FB



DA5294



6E636D



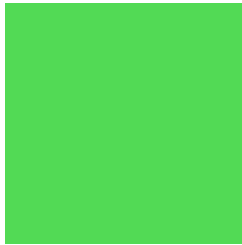
AD00AA



2E002D

Previews

White Background



This preview shows how the Hex color 52DA55 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 52DA55 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 52DA55 Background



This preview shows how black text looks on a background with the Hex color 52DA55.

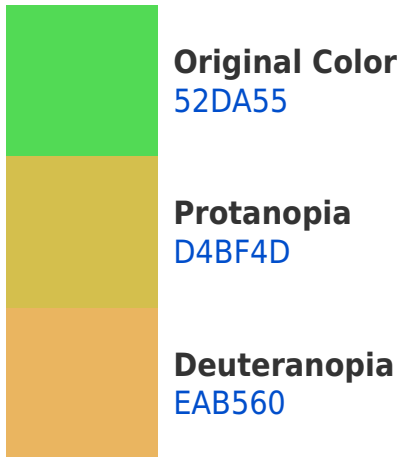


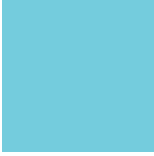
This preview shows how white text looks on a background with the Hex color 52DA55.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
74CCDD

Trichromacy



Original Color
52DA55



Protanomaly
A5C950



Deuteranomaly
B3C25C



Tritanomaly
68D1AC

Monochromacy



Original Color
52DA55



Achromatopsia
A2A2A2



Achromatomaly
85B686

CSS Examples

Text

The CSS property to change the color of the text to Hex 52DA55 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #52DA55 looks like.

```
.text, #text, p{  
    color:#52DA55  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #52DA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52DA55
}
```

Border

The CSS property to change the border of an element to Hex 52DA55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52DA55 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#52DA55 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #52DA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52DA55; -webkit-box-shadow:4px 4px  
4px 4px #52DA55; box-shadow:4px 4px 4px  
4px #52DA55 }
```

Background

The CSS property to change the background color of an element to Hex 52DA55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52DA55 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#52DA55 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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